EXPORTS OF KRAFT LINERBOARD AND CORRUGATING MATERIAL 1982-1983

FROM MAJOR SUPPLYING COUNTRIES

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TO WORLD MARKETS

This is the 20th edition of the American Paper Institute's annual report on world exports of kraft linerboard and corrugating medium to more than 100 importing countries 1/. Traditionally, the report has covered export shipments from five supplying countries -- the U.S., Canada, Norway, Sweden and Finland. Commencing with last year's edition, we expanded our coverage to include Austria, Portugal, Spain, and Brazil. The data for these four countries are again provided in this year's report, but because these data are not available in the same detail as for the three Nordic countries, the U.S., and Canada, we are presenting this additional information separately as Appendix A on Page 30.

The analytical sections of the report are similar in format to earlier reports with tables covering "the five supplying countries," i.e., the U.S., Canada, Norway, Sweden, and Finland. In cases where exports from the other four countries materially affect trade patterns this information is provided in the commentary with reference to Appendix A.

HIGHLIGHTS OF 1983

Reversing two consecutive years of declines, U.S. exports of kraft linerboard rose 19.5% to 2,254,545 tons in 1983 from 1,886,194 tons in 1982. The gain in U.S. kraftliner exports was principally the result of substantial increases in shipments to the U.K., Italy, Japan, and the People's Republic of China, although shipments to Germany fell. Except for South America, U.S. exports in 1983 to all other major regions were above their 1982 levels. Despite the increase in the volume of kraftliner exports, the value of U.S. shipments was only marginally above 1982, reflecting very competitive conditions in major markets.

1/ All data are reported in short tons. For linerboard, both unbleached and bleached grades are combined.

Sweden's kraftliner exports in 1983 totalled 1,099,594 tons, surpassing the record set in 1982 by 45,466 tons. Total shipments to Western Europe rose nearly 53,000 tons compared to 1982, mainly on the strength of increased exports to the U.K. and the Netherlands, while shipments to France and Italy declined. In other regions, Swedish results were mixed with exports falling from 1982 levels in the Oceania/Far East and Middle Eastern regions but increasing slightly to Africa. Kraftliner exports from Canada rose 45.2% to 309,304 tons in 1983, following the relatively low tonnage exported in 1982. Exports to Western Europe, the Middle East, the People's Republic of China, and to a lesser extent, the U.S. all contributed to the improved Canadian performance. Finland's 1983 exports of 264,468 tons represented a decrease of about 23,000 tons from 1982. While Finnish exports to Western Europe rose somewhat, this was offset by a drop in shipments to most developing regions and to the U.S.S.R. and Eastern Europe. Exports from Norway rose 3,325 tons to 12,021 tons in 1983. This is the first increase in Norwegian kraftliner exports since 1977.

For the five supplying countries, total kraft linerboard exports were 3,939,932 tons in 1983, 14.2% ahead of 1982 and second only to the 1980 record year when nearly 4.1 million tons were exported. (See Table 1.) Total export shipments from Austria, Portugal, Spain, and Brazil in 1983 are estimated at 368,238 tons, compared to 271,140 tons in 1982. As in 1982, Portugal was the largest exporter among the four countries (155,683 tons). Brazil, however, recorded the largest increase, shipping 97,483 tons in 1983 compared to just 31,201 in 1982. (See Appendix A, page 30.)

Table 1

EXPORTS OF KRAFT LINERBOARD

				Percentage Change	
	1983	1982	1981	1982/83	1982/81
United States	2,254,545	1,886,194	1,973,487	+ 19.5	- 4.4
Sweden	1,099,594	1,054,148	945,097	+ 4.3	+ 11.5
Canada	309,304	212,947	295,237	+ 45.2	- 27.9
Finland	264,468	287,504	283,043	- 8.0	+ 1.6
Norway	12,021	8,696	10,631	+ 38.2	- 18.2
TOTAL	3,939,932	3,449,489	3,507,495	+ 14.2	- 1.7

Of the total net increase in 1983 kraftliner exports from the five supplying countries (490,443 tons), the U.S. accounted for 368,351 tons and Canada for 96,357 tons. As a result, these two countries increased their shares of worldwide exports, while the Swedish and Finnish shares of total exports fell from 1982.

Table 2

PERCENTAGE DISTRIBUTION OF KRAFT LINERBOARD EXPORTS WORLDWIDE

AMONG THE FIVE SUPPLYING COUNTRIES IN SELECTED YEARS

	U.S.	Sweden	Canada	Finland	Norway
			(In Percent)		
1983	57.2	27.9	7.9	6.7	0.3
1982	54.7	30.6	6.2	8.3	0.3
1981	56.3	26.9	8.4	8.1	0.3
1980	62.3	22.0	8.9	6.4	0.3
1979	50.6	29.3	8.8	10.8	0.5
1978	49.2	30.6	9.0	10.6	0.6
1977	47.9	27.0	13.2	10.9	1.0
1976	51.4	21.6	11.5	14.7	0.8
1975	59.6	17.7	9.6	12.3	0.8
1974	53.2	18.9	12.6	14.6	0.7
1973	53.6	20.5	10.1	15.0	0.8
1972	61.1	17.2	7.2	13.7	0.8
1971	67.3	15.5	5.9	10.6	0.7
1970	66.0	15.0	7.5	10.8	0.7

Exports of corrugating medium in 1983 from the five supplying countries were 815,896 tons, 9.8% higher than in 1982. Sweden, Finland, and Canada accounted for 84% of corrugating medium exports. Finland, which in 1976 lost its position as the leading exporter of corrugating medium, regained that position in 1982 and maintained it in 1983. (See Table 3.)

Table 3

EXPORTS OF CORRUGATING MATERIAL

	1983	1982	1981	Percentage Change 1983/82	Percentage Change 1982/81
Sweden	206,214	203,466	231,337	+ 1.4	- 12.0
Finland	280,087	265,392	225,475	+ 5.5	+ 17.7
Canada	197,304	157,264	169,961	+ 25.5	- 7.5
United States*	73,758	61,428	65,821	+ 20.1	- 6.7
Norway	58,533	55,766	53,760	+ 5.0	+ 3.7
TOTAL	815,896	743,316	746,354	+ 9.8	- 0.4

*See the Statistical Note, on Page 31 for an explanation of the U.S. figures.

REVIEW OF IMPORTING AREAS

Tables 4 and 5 provide an overview of kraft linerboard imports by geographic regions. In 1983, most regions recorded gains in imports when compared to the depressed levels of 1982. In terms of absolute tonnage, imports by Western Europe rose nearly 236,000 tons in 1983 while the Oceania/Far East region absorbed about 117,000 tons more than in 1982. The People's Republic of China re-entered the linerboard market in a meaningful way in 1983, although at 201,736 tons, the 1983 figure is far below that of 1980. South America and the U.S.S.R./Eastern Europe regions were the only areas where imports fell during 1983.

Table 4

EXPORTS OF KRAFT LINERBOARD FROM THE

FIVE SUPPLYING COUNTRIES

TO MAJOR WORLD REGIONS

	Tonnage			Percentage Change	
	1983	1982	1981	1983/82	1982/81
North America*	97,368	81,779	84,995	+ 19.1	- 3.8
Total Western Europe	2,116,824	1,881,062	1,873,369	+ 12.5	+ 0.4
Central America and Mexico	275,935	263,944	275,457	+ 4.5	- 4.2
Caribbean and Other Islands	84,318	57,848	71,055	+ 45.8	- 18.6
South America	110,198	134,222	133,399	- 17.9	+ 0.6
Near and Middle East	205,971	166,712	169,128	+ 23.5	- 1.4
Africa	215,995	193,517	216,575	+ 11.6	- 10.6
Oceania and Far East	578,269	461,209	432,472	+ 25.4	+ 6.6
U.S.S.R./Eastern Europe	53,318	72,457	73,942	- 26.4	- 2.0
People's Republic of China	201,736	136,739	177,103	+ 47.5	- 22.8
TOTAL	3,939,932	3,449,489	3,507,495	+ 14.2	- 1.7

*Intra-regional trade only. (Includes only the U.S. and Canada.)

The percentage distribution of kraftliner imports by geographic areas was relatively unchanged in 1983 when compared to the previous three years. Because shifts in the regional shares of exports from the five supplying countries occur quite slowly, it is more instructive to view such changes over longer time periods. For example, comparing Western Europe's share of exports from the five supplying countries with that of the Oceania/Far East region demonstrates the shifts that have occurred in the relative importance of these two regions from 1965-70 to the present.

Table 5

PERCENTAGE DISTRIBUTION BY GEOGRAPHIC AREA OF TOTAL KRAFT LINERBOARD EXPORTS

FROM THE FIVE SUPPLYING COUNTRIES IN SELECTED YEARS

	1983	1982	1981	1980	1970	1965
				(In Percent)		
North America*	2.5	2.4	2.4	1.6	0.7	0.6
Western Europe	53.7	54.5	53.4	53.0	69.6	75.2
Enlarged EC of Nine	48.2	49.8	48.8	48.5	----	----
Central America and Mexico	7.0	7.7	7.9	8.3	9.0	6.4
Caribbean and Other Islands	2.1	1.7	2.0	1.8	1.5	1.3
South America	2.8	3.9	3.8	3.3	5.6	5.5
Near and Middle East	5.2	4.8	4.8	3.2	4.0	2.6
Africa	5.5	5.6	6.2	6.8	4.1	2.5
Oceania and Far East	14.7	13.4	12.3	12.2	3.9	4.3
U.S.S.R./Eastern Europe	1.4	2.1	2.1	1.6	0.5	1.5
People's Republic of China	5.1	4.0	5.1	8.2	1.1	0.1
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0

*Intra-regional trade only.

The six largest country markets for kraftliner imports during the past three years are shown in Table 6. The most significant shift is that for Japan which moved from the fifth place in 1981 to the third position in 1983. (In 1980, Japan occupied the sixth position).

Table 6

IMPORTS OF KRAFT LINERBOARD BY THE LARGEST IMPORTING COUNTRIES FROM THE FIVE SUPPLYING COUNTRIES

	1983		1982		1981	
	Tons	Rank	Tons	Rank	Tons	Rank
United Kingdom	695,431	1	562,192	1	588,910	1
Germany	365,558	2	375,437	2	392,728	2
Japan	237,261	3	168,706	4	169,884	5
France	227,328	4	259,588	3	251,384	3
People's Republic of China	201,736	5	136,739	6	177,103	4
Italy	187,380	6	160,754	5	106,302	8

Table 7

IMPORTS OF CORRUGATING MEDIUM BY THE LARGEST IMPORTING COUNTRIES FROM THE FIVE SUPPLYING COUNTRIES

	1983		1982		1981	
	Tons	Rank	Tons	Rank	Tons	Rank
United States	97,368	1	79,450	2	69,994	2
United Kingdom	75,492	2	80,756	1	79,123	1
France	57,956	3	62,132	3	67,211	3
Germany	53,012	4	48,509	4	56,267	4
Italy	52,873	5	46,730	5	41,880	5

Western Europe

The countries of Western Europe imported 2,116,834 tons of kraft linerboard from the five supplying countries in 1983, 12.5% more than in 1982. In addition, Brazil shipped 86,857 tons to Western Europe, while Austria, Portugal, and Spain combined supplied 251,814 tons to the European market. (Data for kraftliner exports from France are not available.) Given the slow pace of the economic recovery in Europe generally, the increase in imports suggests strong competition among the supplying countries.

In the U.K., the largest market for imported kraftliner, imports from the five supplying countries in 1983 were 695,431 tons, an increase of more than 133,000 tons compared to 1982. An additional 20,444 tons were imported from the other supplying countries with imports from Portugal amounting to more than 18,000 tons (See Appendix A, page 30). The U.S. accounted for 45% of imports from all supplying countries, while Sweden's share was just under 34%. The overall gain in imports is partly the result of a modest improvement in the economy combined with continued cutbacks in domestic capacity necessitating greater reliance on imports to meet rising demand.

Imports by West Germany from the five supplying countries were 365,558 tons in 1983, a drop of just under 9,900 tons from the 1982 level. Sweden (189,386 tons) and the U.S. (131,412 tons) were the major suppliers. However, Germany also imported 90,640 tons from the four other supplying countries most of which were shipped from Brazil and Austria. (See Appendix A, page 30.) Domestic testliner production rose to 490,000 tons from 462,000 tons in 1982. Estimated linerboard consumption in 1983 was slightly over 946,000 tons. (This does not include imports from the U.S.S.R. for which data are not available.) Imports from all sources were 39% of consumption, with imports from Sweden accounting for 20% of consumption and imports from the U.S. for 14%.

Italy imported 187,380 tons from the five supplying countries, up from 160,754 tons in 1982. The U.S. remained the major supplier, shipping 131,519 tons, followed by Sweden with 54,470 tons. Like Germany, Italy imported significant quantities from the other four suppliers -- 62,255 tons. (See Appendix A, page 30.) Domestic production of linerboard fell to 368,000 tons in 1983 from 439,000 tons in 1982. Imports represented 40% of consumption with the U.S. supplying over 30% of consumption.

Imports by France from the five supplying countries in 1983 fell 32,260 tons to 227,328 tons. Sweden, traditionally the largest supplier of kraft linerboard to France, shipped 173,987 tons in 1983, 27,759 fewer tons than in 1982. Smaller declines in imports from the U.S. and Finland also contributed to the decline in imports from the five suppliers. Imports from Portugal and Spain combined were 42,481 tons in 1983, up from 37,386 tons in 1982. (See Appendix A, page 30.)

Among the smaller European countries, Denmark, Belgium/Luxembourg, and the Netherlands all increased their imports compared to 1982. Belgium/Luxembourg and the Netherlands, however, frequently act as transshipment points for kraftliner to other countries, particularly France and Germany. Switzerland is reported to have imported 61,079 tons in 1983, virtually all from the U.S. and Sweden. A large proportion of these shipments were apparently destined for other European countries.

For the West European region as a whole, Sweden was again the dominant supplier, shipping 983,830 tons to the region -- a gain of 5.7% compared to 1982. When combined with exports from Finland (199,062 tons) and Norway (9,171 tons), total Nordic shipments of kraftliner in 1983 reached 1,192,063 tons, or 56% of exports from the five supplying countries to Western Europe. This compares to the 60% Nordic share achieved in 1982. U.S. kraftliner shipments to the region totalled 761,302 tons, up 18.3% from 1982, and accounted for 36% of the region's imports from the five countries, compared to the 34% share captured in 1982. Canadian exports to Western Eruope rose 55% to 163,459 tons in 1983, representing 7.7% of exports from the five supplying countries.

Western Europe imported 426,606 tons of corrugating medium in 1983, an increase of 10,634 tons compared to 1982. Finland (196,327 tons), Sweden 171,551 tons), and Norway (53,502 tons) supplied 99% of Europe's import requirements for corrugating medium.

Central America and Mexico

Total kraft linerboard shipments to Central America and Mexico amounted to 275,834 tons, a gain of 4.5% compared to 1982. Virtually all the region's imports originated in the U.S.

The gain in the region's kraftliner imports was largely due to increased purchases by Costa Rica and Panama. In both countries, demand for linerboard is directly tied to export shipments of bananas, and according to the International Monetary Fund, the two countries experienced modest recoveries in banana exports during 1983. Costa Rica, generally the largest importer in the region, purchased 88,368 tons of kraftliner (up 13.4% from 1982), and Panama imported 65,374 tons (up 26.2% from 1982). Honduras was the third leading importer, although shipments fell about 4,800 tons to 57,347 tons.

Corrugating medium imports in 1983 were 38,015 tons, marginally lower than the 1982 total. Honduras (19,108 tons) and Costa Rica (11,613 tons) were the largest importers. Nearly all the region's medium imports were supplied by the U.S. and Canada.

Caribbean and Other Islands

The Caribbean area imported 84,318 tons of kraftliner in 1983, well above the 57,848 tons delivered to the region in 1982. The 1983 total was second only to 1976, when just over 88,000 tons were shipped to these countries. Most of the significant importers in the region increased their purchases in 1983 with the largest increases recorded by Jamaica, the Dominican Republic, and the French West Indies. Cuba has historically been the largest importer in the region, but orders for kraftliner in 1982 were cut back sharply. In 1983, Cuba returned to the market, purchasing 9,506 tons, but this is still below the 22,000 to 25,000 ton range that Cuba normally has required.

U.S. producers shipped 88% of the region's kraftliner imports with most of the remainder consisting of Canadian exports to Cuba.

South America

Imports by the South American countries in 1983 fell 24,024 tons to 110,198 tons. Most of the decline resulted from a reduction in imports by Ecuador which purchased 34,415 tons in 1983 compared to 50,895 in 1982. International Monetary Fund data indicate that

Ecuador's banana export volume fell during 1983 which undoubtedly influenced demand for imported kraftliner. Colombia was the largest market for kraftliner in the region, importing 64,981 tons, slightly above the 1982 level. Except for negligible shipments from Canada, the U.S. supplied virtually all the region's kraftliner imports measured against the five supplying countries. Brazil, however, exported 8,719 tons to the region but data on exports by country are not available.

Imports of corrugating medium were 37,486 tons in 1983, about 3,000 tons less than in 1982. Canada was the leading supplier (23,191 tons), while the U.S. shipped 8,668 tons.

Near and Middle East

The Middle Eastern countries imported a record 205,971 tons of kraftliner in 1983 from the five supplying countries, 39,259 tons more than in 1982. Three countries accounted for nearly all the increase in imports. Shipments to Israel, the region's largest importer, rose 14,328 tons to 89,056 tons in 1983, while imports by Saudi Arabia climbed 15,132 tons to 33,364 tons. Turkey, which in 1982 imported just 1,461 tons, purchased 10,952 tons in 1983.

U.S. producers shipped 73% of kraftliner exports to the region from the five supplying countries, a significant gain compared to 1982 when the U.S. share was 67%. The increase in the proportion of exports from the U.S. came at the expense of Swedish producers whose share fell from 23% in 1982 to 17% in 1983.

Imports of corrugating medium by the region rose to 67,806 tons in 1983 from 51,671 tons in 1982. Iran (37,287 tons) was by far the largest buyer, followed by Saudi Arabia (13,221 tons), and Israel (9,964 tons). Canada and Finland were the largest suppliers of medium to the region.

Africa

Shipments of kraftliner to Africa increased to 215,995 tons in 1983, 22,478 tons above 1982. Except for the 274,106 tons imported in 1980, 1983 shipments were the largest on record.

After a sharp reduction in purchases in 1982, Egypt increased its imports by 25,659 tons to 38,509 tons in 1983, returning to its role as one of the major importers in the area. Other traditionally large importers such as Nigeria and South Africa imported less in 1983 than in 1982. In the Nigerian case, the retention of relatively strict foreign exchange controls curtailed imports, resulting in purchases of just 29,186 tons. This continues the downward trend which began in 1980 when Nigeria imported over 60,000 tons. The buildup of domestic capacity in South Africa continues to reduce that country's import requirements. From a peak of nearly 31,000 tons in 1980, South African purchases fell to 18,379 tons in 1983. South Africa also sells linerboard to other African countries, but the extent of these shipments is not known. Following a reduction in imports in 1982, the Ivory Coast in 1983 imported nearly 24,000 tons, in line with the level of imports in 1980 and 1981.

The overall increase in kraftliner imports by Africa was partly attributable to increased purchases by a number of non-traditional importing countries. Morocco, for example, imported 24,797 tons in 1983, after purchasing 14,091 tons in 1982 and only minimal tonnage in prior years. Similarly Ghana, Libya, and the Sudan, although purchasing small quantities possibly on a spot basis, nevertheless contributed to the region's increase in imports in 1983.

The U.S. supplied 167,920 tons of kraftliner to the African nations in 1983, 18,581 tons more than in 1982. This represented 78% of the region's imports from the five supplying countries. Sweden shipped 43,757 tons in 1983, a gain of 12,576 tons over 1982, which represented about 20% of exports from the five supplying countries. In addition, Austria exported 10,011 tons to Africa, more than double the tonnage shipped in 1982. (See Appendix A, page 30.)

The African nations purchased 56,486 tons of corrugating medium in 1983, virtually the same amount as in 1982. Finland (22,154 tons) and Sweden (21,362 tons) were the major suppliers.

Oceania and Far East

The Oceania/Far East region -- the second largest importing region -- imported 578,269 tons in 1983 compared to 461,209 in 1982. This was the largest gain on a tonnage basis recorded by any region in 1983.

Japan's purchases of kraft linerboard from the five supplying countries totalled 237,261 tons, 68,555 tons more than the 1982 recession level and a new record. The U.S. accounted for 80.0% of shipments to Japan while Canada's share was 20.0%. It is worthwhile noting that in 1982, the U.S. accounted for 69.8% of Japanese imports and Canada's share was 30.2%. Japan also imports non-kraft linerboard from Korea and Taiwan. According to Japanese data, imports from all sources in 1983 were 248,309 tons. Taking into account linerboard exports of 102,992 tons, total apparent consumption of linerboard was just over 3.3 million tons. Linerboard imports thus accounted for 7.5% of consumption, virtually unchanged from the 7.4% of consumption recorded in both 1982 and 1981.

The overall rise in exports to the Far East was also a result of an increased level of shipments to the smaller, fast growing countries of Hong Kong, Singapore, Malaysia, Korea, and Taiwan. Collectively, those nations imported 210,004 tons in 1983, compared to 150,132 tons in 1982. Total shipments of kraft linerboard to Australia and New Zealand more than tripled in 1983, reaching 52,819 tons. (Imports by New Zealand were virtually all bleached kraft linerboard). The only major Asian importing nation which imported less tonnage in 1983 than in 1982 was the Philippines (1983: 56,115 tons; 1982: 90,670).

In 1983, the U.S. shipped 87% of total exports from the five suppliers to the Oceania/Far East region, up from 81% in 1982. Canada's share fell from 14% in 1982 to 11% in 1983.

Imports of corrugating medium in 1983 were 26,894 tons, 11,643 tons less than in 1982. Canada was the largest supplier (9,277 tons) with the U.S. and Finland shipping 8,601 and 4,490 tons respectively.

U.S.S.R. and Eastern Europe

Kraft linerboard imports by the U.S.S.R. and Eastern Europe amounted to 53,318 tons, 19,139 tons less than in 1982. The U.S.S.R. accounted for 89% of total imports, while negligible quantities were shipped to the German Democratic Republic and Hungary. Finland exported virtually all tonnage to the region.

People's Republic of China

Imports of kraft linerboard by the People's Republic of China rose to 201,736 tons in 1983, reversing the declines recorded in 1981 and 1982. The 1983 total was nearly 65,000 tons above the 1982 level, but well under the 330,575 tons imported in 1980. The increased requirements for kraftliner imports are probably linked to the need for packaging materials for the PRC's growing exports of textiles and other consumer products. The U.S. supplied 166,286 tons to China in 1983, 55,000 tons more than in 1982. Sweden's 1983 exports to China were 24,882 tons, marginally less than in 1982. In addition, Japan ships some linerboard to China, but the precise tonnage is not available at this time.

China's imports of corrugating medium rose to 52,536 tons in 1983, compared to 9,889 tons in 1982. Finland was the leading supplier (22,592 tons), followed by the U.S. (18,102 tons), cand Canada (11,842 tons).

REVIEW OF EXPORTING COUNTRIES

United States

U.S. exports of kraft linerboard (both bleached and unbleached) rose 19.5% to 2,254,545 tons in 1983. The 1983 gain in exports reverses the downward trend of the two previous years. In 1982, the U.S. exported 1,886,194 tons, 4.4% below the 1,973,487 tons shipped in 1981. In turn, the 1981 figure was 21.9% below the record 2,527,245 tons exported in 1980.

The 1983 gain in export volume was the result of increased shipments to every major consuming region except South America. Exports to the Oceania/Far East countries rose 129,106 tons to 500,813 tons, and exports to Western Europe, at 761,302 tons, were 117,691 tons above 1982. Together these two regions accounted for two-thirds of the total increase. In other regions, U.S. exports recovered from losses sustained in 1982. This was particularly evident in the developing countries of the Middle East, Africa, the Caribbean, as well as the People's Republic of China. Overall, U.S. kraftliner exports appear to have benefitted from the gradual economic recovery in some Western European countries and in Japan, the return to sharply higher rates of economic growth in the developing countries of the Pacific rim, and the slight improvement in economic conditions in some of the other developing regions.

(See Table 8, page 16, for a comparison by area of U.S. export tonnage in 1983 with the three previous years and 1973.)

Despite the 19.5% increase in 1983 export volume, the value of total kraftliner export shipments (bleached and unbleached) increased just 6.2% to $575.9 million. For unbleached kraftliner alone, the increase in value was minimal --0.9%. The negligible increase in value reflects intensely competitive conditions within most major markets with local producers and in Western Europe with Nordic countries. The advantages obtained by Swedish and Finnish producers from the 1982 devaluations of their currencies, coupled with the strength of the U.S. dollar, is one major reason why the increase in the value of U.S. shipments fell far short of the tonnage increase. Further, the high value of the U.S. dollar confers a competitive advantage on overseas producers of waste-based linerboard vis a vis imported U.S. kraftliner.

In 1983, exports of kraft linerboard accounted for 72% of total U.S. paperboard exports and 57% of total exports of paper and paperboard. Total production of kraft paperboard was 16,112,300 tons. Exports of kraftliner in 1983 represented 14% of production, unchanged from 1982.

Table 8

U.S. EXPORTS OF KRAFT LINERBOARD BY AREA OF DESTINATION

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	1983	1982	1981	1980	1973
Canada	47,655	47,743	38,877	26,082	19,439
Total Western Europe	761,302	643,611	637,217	918,633	862,060
Central America and Mexico	275,834	263,861	274,911	337,375	237,270
Caribbean and Other Islands	74,464	54,242	47,776	46,117	43,431
South America	109,769	132,940	131,292	130,280	138,049
Near and Middle East	150,502	111,590	127,779	98,613	79,147
Africa	107,920	149,339	185,180	240,555	107,931
Oceania and Far East	500,813	371,707	356,577	410,566	141,039
People's Republic of China	166,286	111,161	173,878	319,024	17,094
TOTAL	2,254,545	1,886,194	1,973,487	2,527,245	1,645,465

Table 9, examines the 1983 U.S. export performance in total and by regions from a competitive standpoint relative to the five supplying countries. In 1983, the U.S. share of total kraftliner exports increased slightly. This was largely due to the increase in exports to the Oceania/Far East region which resulted in a gain of 6 percentage points in the U.S. share of exports to this region. In 1982, the U.S. share of exports to the Oceania/Far East region had fallen due to increased competition from Sweden. Although U.S. exports to the PRC increased sharply in 1983, competition from Sweden, and, to a lesser extent Canada, held the U.S. share to 82.4% of total exports to that country. This compares to the 96-98% share achieved in 1980 and 1981. In all regions except the Caribbean, U.S. exports increased their share when compared to 1982.

Table 9

U.S. SHARE OF KRAFT LINERBOARD EXPORTS AS A PERCENTAGE OF TOTAL EXPORTS FROM THE FIVE SUPPLYING COUNTRIES

	1983	1982	1981	1980	1979	1973
				(In Percent)		
Western Europe	36.0	34.2	34.0	42.8	34.8	40.9
EC of Nine	35.6	34.3	34.8	42.7	35.0	42.2
Central America and Mexico	100.0	100.0	99.8	100.0	99.9	94.7
Caribbean and Other Islands	88.3	93.8	67.2	64.5	83.6	96.0
South America	99.6	99.0	98.4	97.3	96.0	96.2
Near and Middle East	73.1	66.9	75.6	75.9	75.9	70.9
Africa	77.7	77.2	85.5	87.8	55.1	80.0
Oceania and Far East	86.6	80.6	82.5	82.7	73.9	78.4
U.S.S.R./Eastern Europe	0.0	0.0	0.0	0.0	0.0	0.0
People's Republic of China	82.4	81.3	98.2	96.5	76.4	43.6
TOTAL	57.2	54.7	56.3	62.3	50.6	53.6

Chart I, page 19, compares the percentage distribution of U.S. kraftliner exports by major areas of destination and portrays the shifts in the importance of various regions that have occurred over the past decade. The most significant shifts have taken place for Western Europe, Oceania/Far East (including Japan), and the People's Republic of China.

In 1983, the United Kingdom was again the most important individual country market for U.S. kraft linerboard. Germany, on the other hand, dropped from the second to fifth position while Japan became the second largest country importer of U.S. kraftliner. (See Table 10.)

Table 10

U.S. KRAFT LINERBOARD EXPORTS:

RELATIVE RANKING OF THE LARGEST CONSUMING COUNTRIES

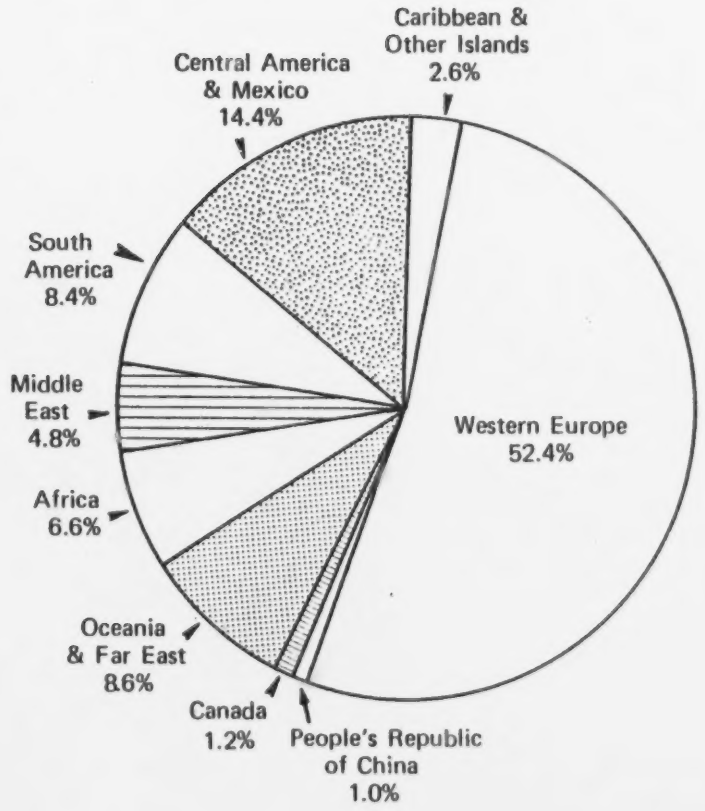
	1983		1982		1981	
	Tons	Rank	Tons	Rank	Tons	Rank
United Kingdom	323,219	1	254,396	1	267,803	1
Japan	189,495	2	117,716	3	125,888	4
People's Republic of China	166,286	3	111,161	4	173,878	2
Italy	131,519	4	98,279	5	78,528	7
Germany	131,412	5	145,224	2	166,840	3
Costa Rica	88,368	6	77,900	7	64,699	5

Chart 1

KRAFT LINERBOARD EXPORTS

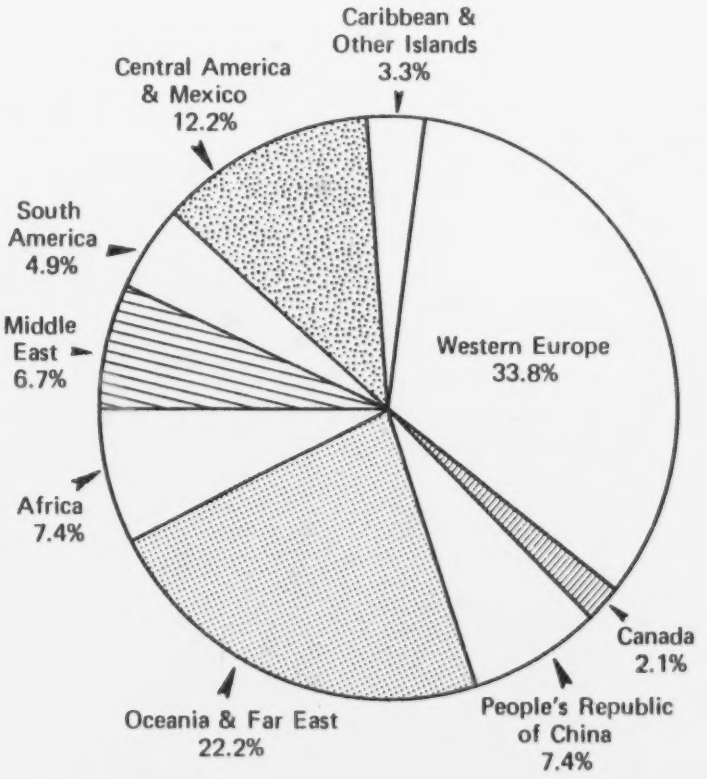
Percentage Distribution of U.S. Exports by Major Area of Destination

1973



1, 645, 650 Tons

1983



2, 254, 545 Tons

Sweden

1983 was a record year for Swedish exports of kraft linerboard. Total shipments were 1,099,594 tons, 4.3% above 1982, the previous record year. Virtually all the 1983 increase resulted from expanded exports to Western Europe where exports to the U.K., Germany, Denmark, and the Netherlands were particularly strong and offset declines in shipments to France and Italy. In other world regions, Sweden's exports fell from 1982 levels, although shipments to Africa increased while those to the People's Republic of China held at about the same level as in 1982.

Despite the 1983 tonnage increase, Sweden's share of exports from the five supplying countries fell compared to 1982. Of the total increase in shipments from the five supplying countries, Sweden accounted for only a small proportion compared to the U.S. and Canada. The fact that Sweden's exports to the Oceania/Far East region dropped while total exports to the region rose sharply is one major reason for the decline in the Swedish share of total exports. Moreover, exports from the five supplying countries to Western Europe rose 235,763 tons. Although Sweden increased its exports to Western Europe, the U.S. and Canada together captured a far larger share of the increase. (See Table 11.)

Table 11

SWEDISH SHARE OF KRAFT LINERBOARD EXPORTS AS A PERCENTAGE OF TOTAL EXPORTS

FROM THE FIVE SUPPLYING COUNTRIES IN SELECTED GEOGRAPHIC AREAS

	1983	1982	1981	1980	1979	1973
To EC of Nine	46.4	49.1	46.6	38.3	42.4	28.4
Near and Middle East	16.8	23.2	18.3	18.6	10.8	1.3
Africa	20.3	16.1	9.9	8.2	32.2	6.2
Oceania and Far East	1.9	4.8	1.9	1.1	5.7	0.3
Total Swedish Kraft Linerboard Exports	27.9	30.6	26.9	22.0	29.3	20.5

The importance of the European Community for Swedish kraftliner exports was basically the same in 1983 as in 1982.

Table 12

SWEDISH EXPORTS OF KRAFT LINERBOARD

	1983	1982	1981	% Change 1983/82	% Change 1982/81
Total Exports	1,099,594	1,054,148	945,097	+ 4.3	+ 11.5
To EC of Nine	881,751	843,226	799,854	+ 4.6	+ 5.4
EC as % of Total	80.2	80.0	84.6	---	---

In the relative ranking of individual country markets for Swedish exports, France and Germany exchanged the second and third positions but the other country rankings were unchanged in 1983. (See Table 13.)

Table 13

SWEDISH KRAFT LINERBOARD EXPORTS:

RELATIVE RANKING OF THE LARGEST CONSUMING COUNTRIES

	1983		1982		1981	
	Tons	Rank	Tons	Rank	Tons	Rank
United Kingdom	242,356	1	204,306	1	201,214	1
Germany	189,386	2	185,779	3	182,576	3
France	173,987	3	201,746	2	193,565	2
Netherlands	90,219	4	70,418	4	81,959	4
Denmark	70,869	5	61,460	5	52,098	5

Sweden's exports of corrugating medium totalled 206,214 tons in 1983, 1.4% higher than in 1982. However, this reverses the trend of the past three years when medium exports fell. Table 14 provides data on the five largest consuming countries for Swedish corrugating medium, and Table 15 shows Sweden's share of corrugating medium exports relative to the other four supplying countries.

Table 14

SWEDISH CORRUGATING MEDIUM EXPORTS:

RELATIVE RANKING OF THE LARGEST CONSUMING COUNTRIES

	1983		1982		1981	
	Tons	Rank	Tons	Rank	Tons	Rank
Italy	35,029	1	32,034	1	34,494	2
United Kingdom	25,408	2	25,547	3	31,680	3
Denmark	24,141	3	23,308	4	26,083	4
France	22,679	4	29,750	2	36,060	1
Netherlands	17,424	5	18,239	5	17,428	6

Table 15

SWEDISH EXPORTS OF CORRUGATING MATERIAL

	1983	1982	1981	% Change 1983/82	% Change 1982/81
Total Exports	206,214	203,466	231,337	+ 1.4	- 12.0
To EC of Nine	144,081	144,410	168,901	- 0.2	- 14.5
EC as % of Total	70.0	71.0	73.0	---	----
Sweden's % Share of Total Exports From Five Supplying Countries	25.3	27.4	31.0	---	----

Finland

In 1983, Finland was the only major supplier to experience a decline in kraftliner exports. At 264,468 tons, exports were 23,036 tons below 1982. Finnish exports continue to remain well below the levels attained during the early and mid-1970's, reflecting the paper industry's intention to produce higher value added products.

Exports to Western Europe rose about 6,000 tons to 199,062 tons, or 75% of total exports. The marginal gain in exports to Western Europe was more than offset by declines in shipments to the Middle East, Africa, and to the U.S.S.R./Eastern European regions.

The United Kingdom was the largest single country purchaser of kraft linerboard from Finland in 1983 (55,535 tons), followed by the Soviet Union (47,401 tons), and Germany (42,459 tons).

For the second year in a row, Finland was the largest exporter of corrugating medium. Exports were 280,087 tons, 5.5% above 1982. By region, Western Europe purchased 196,327 tons, followed by the Middle East (25,118 tons) and the People's Republic of China (22,592 tons). By country, the U.K., France and Germany were the largest consumers in that order.

Tables 16 and 17 summarize Finnish exports of kraft linerboard and corrugating medium during the past three years.

Table 16

FINNISH EXPORTS OF KRAFT LINERBOARD

	1983	1982	1981	% Change 1983/82	% Change 1982/81
Total Exports	264,468	287,504	283,043	- 8.0	+ 1.6
To EC of Nine	178,020	173,454	162,173	+ 2.6	+ 7.0
EC as % of Total	67.3	60.3	57.3	---	---
Finland's % Share of . tal Exports From Five Supplying Countries	6.7	8.3	8.1	---	---

Table 17

FINNISH EXPORTS OF CORRUGATING MEDIUM

	1983	1982	1981	% Change 1983/82	% Change 1982/81
Total Exports	280,087	265,392	225,475	+ 5.5	+ 17.7
To EC of Nine	171,238	161,722	144,886	+ 5.9	+ 11.6
Finland's % Share of Total Exports From Five Supplying Countries	34.3	35.7	30.2	---	----

Canada

Canadian kraft linerboard exports in 1983 rose to 309,304 tons, a sharp 96,357 ton gain over 1982. The 1983 export recovery was led by shipments to Western Europe which increased by 58,000 tons to 163,459 tons. Other regions in which Canadian exports recorded sizeable gains were the Caribbean and the Middle East. In addition, Canada exported just over 10,000 tons to the People's Republic of China, while in 1982 no tonnage was shipped to the PRC. Exports to the U.S. rose 15,677 tons to nearly 50,000 tons in 1983.

Exports of corrugating medium in 1983 increased just over 40,000 tons to 197,304 tons. The U.S. was the largest single market, purchasing 98,527 tons.

Table 18 reviews Canada's exports for the last three years.

Table 18

CANADIAN EXPORTS OF KRAFT LINERBOARD AND CORRUGATING MATERIAL

				Changes In:			
				Tonnage		Percentage	
	1983	1982	1981	1983/82	1982/81	1983/82	1982/81
Kraft Linerboard	309,304	212,947	295,237	+96,357	-82,290	+ 45.2	- 27.9
Corrugating Material	197,304	157,264	169,961	+40,040	-12,697	+ 25.5	- 7.5

Norway

Exports of Norwegian kraftliner recorded an increase of 3,325 tons, reaching 12,021 tons in 1983. Exports to Western Europe increased nearly 1,400 tons, largely on the strength of a rise in shipments to Germany. Norwegian kraftliner also increased its penetration in the Middle Eastern and Oceania/Far East regions. However, of the nine countries now covered in this report, Norway remains the smallest exporter of kraft linerboard.

Norway's exports of corrugating medium in 1983 amounted to 58,533 tons compared to 55,766 tons in 1982. 91% of shipments were to Western Europe.

Table 19 shows Norway's exports of kraft linerboard and corrugating medium during the past three years.

Table 19

NORWEGIAN EXPORTS OF KRAFT LINERBOARD AND CORRUGATING MATERIAL

				Changes In:			
				Tonnage		Percentage	
	1983	1982	1981	1983/82	1982/81	1983/82	1982/81
Kraft Linerboard	12,021	8,696	10,631	+ 3,325	- 1,935	+ 38.2	- 18.2
Corrugating Material	58,533	55,766	53,760	+ 2,767	+ 2,006	+ 5.0	+ 3.7

Four Other Supplying Countries

Austria. Austrian kraftliner exports in 1983 totalled 77,236 tons, slightly under the 77,806 tons exported in 1982. Western Europe accounted for 84% of total exports, and West Germany was Austria's largest market (36,737 tons).

Portugal. Portugal is the largest exporter among the four other supplying countries, and in 1983 exports were 155,683 tons compared to 123,505 tons in 1982. Markets for Portuguese kraftliner are almost exclusively within Western Europe. In 1983, Spain was the largest purchaser; the remaining shipments were fairly evenly distributed among other Western European countries.

Spain. Spain, the smallest exporter among the four other supplying countries, shipped 37,836 tons in 1983, nearly all of which went to Western Europe. France (21,727 tons) was the largest single country purchaser.

Brazil. Brazil exported 97,483 tons of kraftliner in 1983, more than 66,000 tons above the 1982 total. Europe was by far the largest consuming region, absorbing almost 90% of Brazil's exports. Germany alone imported 39,417 tons of Brazilian linerboard, while Italy and the Netherlands were the second and third largest purchasers respectively.

See Appendix A, page 30, for details on exports from the above four countries.

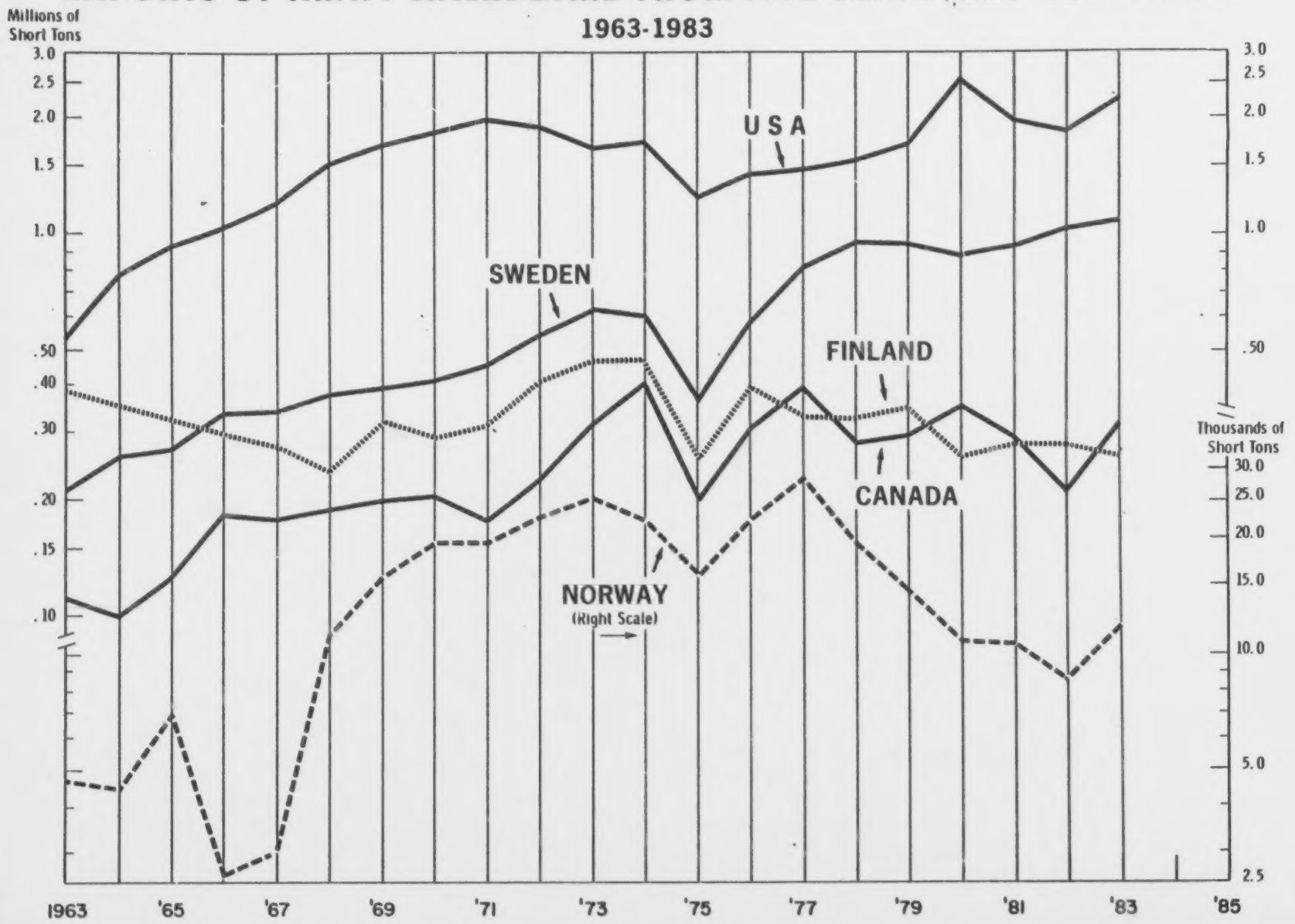
Export Growth of Kraft Linerboard from 1963 to 1983

Chart 2, on the following page, shows on a logarithmic scale exports of kraft linerboard from the five supplying countries (the Nordic countries, Canada, and the U.S.) from 1963 through 1983. Of the five countries, only Finland exported less in 1983 than twenty years earlier, with the U.S. registering the largest growth. API has detailed data for all five countries for each of the years covered in the chart.

Chart 2

EXPORTS OF KRAFT LINERBOARD FROM FIVE SUPPLYING COUNTRIES

1963-1983



Appendix A

EXPORTS OF KRAFT LINERBOARD FROM AUSTRIA, PORTUGAL, SPAIN AND BRAZIL

TO WORLD MARKETS

- 1983 -
(Short Tons)

FROM: / TO:	AUSTRIA	PORTUGAL	SPAIN	BRAZIL[1]	Total
BELGIUM LUXEMBOURG	-	4,794	818	9,565	15,177
FRANCE	-	20,754	21,727	-	42,481
GERMANY FEDERAL REPUBLIC	36,737	9,546	4,940	39,417	90,640
ITALY	15,689	17,033	9,782	19,751	62,255
NETHERLANDS	381	16,780	260	15,970	33,391
SPAIN (& Canary Is.)	-	31,092	-	-	31,092
SWITZERLAND	9,309	8,128	-	-	17,437
UNITED KINGDOM	-	18,278	62	2,154	20,494
OTHER WESTERN EUROPE	2,759	22,942	3	-	25,704
TOTAL WESTERN EUROPE	64,875	149,347	37,592	86,857	338,671
TOTAL EASTERN EUROPE	647	-	-	-	647
TOTAL AFRICA	10,011	961	244	-	11,216
TOTAL ASIA	1,703	5,375	-	-	7,078
LATIN AMERICA/ CARIBBEAN ISLANDS	-	-	-	8,719	8,719
OTHER	-	-	-	1,907	1,907
GRAND TOTAL	77,236	155,683	37,836	97,483	368,283

1) Includes a small amount of corrugating medium.

SOURCES: Kraftliner Manufacturers' Institute
Asociacion De Fabricantes de Papel Y Carton (Spain)
Associacao Nacional Dos Fabricantes De Papel E Celulose (Brazil)
Association of Austrian Paper Manufacturers

STATISTICAL NOTE

1. Sources

The Bureau of the Census of the U.S. Department of Commerce is the source for U.S. data published in this report on kraft linerboard (combining unbleached and bleached grades) and corrugating medium.

The pulp and paper associations for the supplying countries have provided the data published in this report for their respective countries. We have used information available from all other sources to verify as much as possible the accuracy of the data in this report. It should be noted, however, that there will be some discrepancies between these data and the governmental figures which will be published later this year by importing countries.

2. Comparison Between Bureau of the Census and FKBG Data

As in the past, we have compared the Census data with the figures collected by the API Fourdrinier Kraft Board Group on export shipments and on production of unbleached kraft paperboard and corrugating medium for export. The table below provides the comparative data for 1983.

Bureau of the Census and FKBG Data

-1983-

	Census Bureau Export Shipments (1,000 tons)	FKBG Export Shipments * (1,000 tons)	FKBG Production For Export * (1,000 tons)
Kraft Linerboard	2,255	2,100	2,281
Corrugating Medium	74	190	193
Containerboard	2,329	2,290	2,474

*FKBG figures for linerboard include small quantities of miscellaneous grades of kraft paperboard which are used for packaging purposes other than fiber boxes.

We believe that the Fourdrinier Kraft Board Group data provide an accurate benchmark against which to measure the Census Bureau data. It is of course highly improbable that there could be an exact reconciliation between the two sets of figures. The following should be kept in mind when comparing the data from the two sources.

- Production of unbleached kraft linerboard for export was 2,281,000 tons in 1983 while export shipments amounted to 2,100,000 tons, according to the API Fourdrinier Kraft Board Group. Both figures include a small, unquantifiable amount of kraft paperboard for uses other than as containerboard.

- The members of the Fourdrinier Kraft Board Group produce a substantial quantity of mottled white linerboard for export. This product is classified as an unbleached grade by API, but we suspect that some of it is reported as bleached linerboard by the Census Bureau. This is one reason for the obvious inflation of the Census Bureau figure on exports of bleached linerboard (160,256 tons) in 1983. The API capacity survey shows that 1983 capacity for bleached linerboard was only 104,000 tons of which very little is exported. In addition, it is possible that Census data include small quantitites of other unbleached kraft paperboard for packaging in the kraft linerboard export figure.

- The Bureau of the Census reports that only 74,000 tons of corrugating medium were exported in 1983, compared to the FKBG figure of 190,000 tons. Some corrugating medium exports are probably reported as kraft linerboard in data collected by the Bureau of the Census.

- Despite these differences in the data from the two sources, total containerboard exports as reported by the Bureau of the Census are only 39,000 tons above the comparable FKBG figure. This represents a discrepancy of only 1.7%.

We express our sincere appreciation to the pulp and paper associations in Canada, Finland, Norway, Sweden, Spain, Austria and Brazil, as well as the Kraftliner Manufacturers' Institute for providing the information that makes this report possible.

Should you have any questions concerning this report, please contact Mr. D. Kelly Jones, Director, International Services, or me.

Irene W. Meister
Vice President, International

EXPORTS OF KRAFT LINERBOARD AND CORRUGATING MATERIAL

1982 and 1983

UNITED STATES, CANADA, FINLAND, NORWAY AND SWEDEN
(Short Tons)

SUMMARY

DESTINATION BY WORLD AREAS

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
TO:	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
NORTH AMERICA												
Kraft Liner	47,655	47,743	49,713	34,036	-	-	-	-	-	-	97,368	81,779
Corrugating	3,553	1,786	98,527	79,450	-	-	-	-	-	-	102,080	81,236
***ENLARGED EEC (Community of 9)**												
Kraft Liner	675,404	589,017	155,123	104,284	178,020	173,454	8,252	7,244	881,751	843,226	1,898,550	1,717,225
Corrugating	483	1,046	2,522	4,965	171,238	161,722	28,324	30,973	144,081	144,410	346,648	343,116
OTHER WESTERN EUROPE												
Kraft Liner	85,898	54,594	8,336	1,177	21,042	19,610	919	554	102,079	87,902	218,274	163,837
Corrugating	1,793	2,385	428	823	25,089	22,754	25,178	18,746	27,470	28,148	79,958	72,856
TOTAL WESTERN EUROPE												
Kraft Liner	761,302	643,611	163,459	105,461	199,062	193,064	9,171	7,798	983,830	931,128	2,116,824	1,881,062
Corrugating	2,276	3,431	2,950	5,788	196,327	184,476	53,502	49,719	171,551	172,558	426,606	415,972
CENTRAL AMERICA & MEXICO												
Kraft Liner	275,834	263,861	81	50	-	-	-	33	20	-	275,935	263,944
Corrugating	21,699	19,950	16,078	18,778	238	52	-	-	-	-	38,015	38,780
CARIBBEAN AND OTHER ISLANDS												
Kraft Liner	74,464	54,242	9,854	1,586	-	-	-	-	-	2,020	84,318	57,848
Corrugating	3,255	8,891	86	848	-	-	-	-	-	-	3,341	9,739
SOUTH AMERICA												
Kraft Liner	109,769	132,940	23	491	2	-	-	-	404	791	110,198	134,222
Corrugating	8,668	10,382	23,191	29,052	5,077	1,077	-	-	550	-	37,486	40,511

* Excludes Greece

SUMMARY (continued)

DESTINATION BY WORLD AREAS

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
TO:	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
NEAR AND MIDDLE EAST												
Kraft Liner	150,502	111,590	12,286	2,094	7,436	14,347	1,083	4	34,664	38,677	205,971	166,712
Corrugating	568	1,361	30,542	4,852	25,118	33,160	3,307	505	8,271	11,793	67,806	51,671
AFRICA												
Kraft Liner	167,920	149,339	620	3,980	3,369	8,207	329	810	43,757	31,181	215,995	193,517
Corrugating	7,036	6,578	4,811	3,209	22,154	26,281	1,123	4,109	21,362	16,804	56,486	56,981
OCEANIA AND FAR EAST												
Kraft Liner	500,813	371,707	63,251	65,249	1,650	2,075	1,438	51	11,117	22,127	578,269	461,209
Corrugating	8,601	9,049	9,277	8,705	4,490	17,039	601	1,433	3,925	2,311R	26,894	38,537
U.S.S.R. AND EASTERN EUROPE												
Kraft Liner	-	-	-	-	52,398	69,811	-	-	920	2,646	53,318	72,457
Corrugating	-	-	-	-	4,091	-	-	-	555	-	4,646	-
CHINA, PEOPLE'S REPUBLIC OF												
Kraft Liner	166,286	111,161	10,017	-	551	-	-	-	24,882	25,578	201,736	136,739
Corrugating	18,102	-	11,842	6,582	22,592	3,307	-	-	-	-	52,536	9,889
WORLD TOTAL												
Kraft Liner	2,254,545	1,886,194	309,304	212,947	264,468	287,504	12,021	8,696	1,099,594	1,054,148	3,939,932	3,449,489
Corrugating	73,758	61,428	197,304	157,264	280,087	265,392	58,533	55,766	206,214	203,466	815,896	743,316

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
TO:												
NORTH AMERICA												
CANADA												
Kraft Liner	47,655	47,743	-	-	-	-	-	-	-	-	47,655	47,743
Corrugating	3,553	1,786	-	-	-	-	-	-	-	-	3,553	1,786
UNITED STATES												
Kraft Liner	-	-	49,713	34,036	-	-	-	-	-	-	49,713	34,036
Corrugating	-	-	98,527	79,450	-	-	-	-	-	-	98,527	79,450
AREA TOTAL												
Kraft Liner	47,655	47,743	49,713	34,036	-	-	-	-	-	-	97,368	81,779
Corrugating	3,553	1,786	98,527	79,450	-	-	-	-	-	-	102,080	81,236
*ENLARGED EEC												
BELGIUM-LUXEMBOURG												
Kraft Liner	12,151	10,579	84,641	57,175	13,275	12,351	30	11	33,027	32,342	143,124	112,458
Corrugating	4	-	468	-	7,530	241	5,692	6,062	1,768	637	15,462	19,940
DENMARK												
Kraft Liner	491	333	-	-	12,309	10,525	206	215	70,869	61,460	83,875	72,533
Corrugating	-	-	20	-	22,302	19,536	482	229	24,141	23,308	46,945	43,073
FRANCE												
Kraft Liner	27,644	29,987	-	-	25,697	27,855	-	-	173,987	201,746	227,328	259,588
Corrugating	12	1	-	-	35,244	31,760	21	621	22,679	29,750	57,956	62,132
GERMANY, FEDERAL REPUBLIC												
Kraft Liner	131,412	145,224	230	279	42,459	43,306	2,071	849	189,386	185,779	365,558	375,437
Corrugating	1	696	-	-	34,549	27,659	5,353	7,610	13,109	12,544	53,012	48,509
IRELAND												
Kraft Liner	8,944	4,876	-	-	2,266	1,672	-	13	27,437	26,692	38,647	33,253
Corrugating	-	-	-	-	583	1,174	-	71	4,523	2,351	5,106	3,596

* Excludes Greece

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
TO:												
ITALY												
Kraft Liner	131,519	98,279	-	-	1,391	1,992	-	-	54,470	60,483	187,380	160,754
Corrugating	211	3	-	-	14,213	11,208	3,420	3,485	35,029	32,034	52,873	46,730
NETHERLANDS												
Kraft Liner	40,024	45,343	1,054	-	25,088	25,001	822	248	90,219	70,418	157,207	141,010
Corrugating	4	86	-	-	18,951	18,718	3,423	1,337	17,424	18,239	39,802	38,380
UNITED KINGDOM												
Kraft Liner	323,219	254,396	69,198	46,830	55,535	50,752	5,123	5,908	242,356	204,306	695,431	562,192
Corrugating	251	260	2,034	4,965	37,866	38,426	9,933	11,558	25,408	25,547	75,492	80,756
AREA TOTAL												
Kraft Liner	675,404	589,017	155,123	104,284	178,020	173,454	8,252	7,244	881,751	843,226	1,898,550	1,717,225
Corrugating	483	1,046	2,522	4,965	171,238	161,722	28,324	30,973	144,081	144,410	346,648	343,116
OTHER WESTERN EUROPE												
AUSTRIA												
Kraft Liner	1,989	693	-	-	1,614	1,775	-	-	17,684	13,201	21,287	15,669
Corrugating	-	-	-	-	76	94	-	-	800	284	876	378
CYPRUS												
Kraft Liner	10,499	17,685	-	-	140	367	407	-	1,878	2,211	12,924	20,263
Corrugating	-	501	-	-	-	786	-	-	76	501	76	1,788
FINLAND												
Kraft Liner	1,728	937	8,336	1,177	-	-	1	404	10,480	10,097	20,545	12,615
Corrugating	-	-	-	-	-	-	-	99	-	53	-	152
GREECE												
Kraft Liner	21,976	17,023	-	-	-	138	-	-	13,006	8,074	34,982	25,235
Corrugating	489	601	-	382	3,689	2,154	3,222	3,063	-	-	7,400	6,200

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
TO:												
ICELAND												
Kraft Liner	-	-	-	-	768	597	-	-	2,453	2,838	3,221	3,435
Corrugating	-	-	-	-	1,127	709	1,234	589	-	-	2,361	1,298
MALTA												
Kraft Liner	451	-	-	-	13	11	-	-	-	-	464	11
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
NORWAY												
Kraft Liner	781	669	-	-	5,537	5,697	-	-	32,201	28,812	38,519	35,178
Corrugating	-	-	-	-	1,819	2,308	-	-	15,105	17,071	16,924	19,379
PORTUGAL												
Kraft Liner	1,217	214	-	-	-	-	-	-	-	-	1,217	214
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
SPAIN												
Kraft Liner	11,472	15,424	-	-	5,078	4,557	378	54	219	385	17,147	20,420
Corrugating	1,302	1,055	-	-	11,523	12,386	2,615	6,155	7,081	6,357	22,521	25,953
SWEDEN												
Kraft Liner	1,145	253	-	-	5,265	1,918	105	90	-	-	6,515	2,261
Corrugating	2	228	-	441	1	-	13,395	5,855	-	-	13,398	6,524
SWITZERLAND												
Kraft Liner	34,640	1,696	-	-	2,627	4,550	28	6	23,784	22,284	61,079	28,536
Corrugating	-	-	428	-	6,854	4,317	4,712	2,985	4,408	3,878	16,402	11,180
YUGOSLAVIA												
Kraft Liner	-	-	-	-	-	-	-	-	374	-	374	-
Corrugating	-	-	-	-	-	-	-	-	-	4	-	4

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
TO:												
AREA TOTAL												
Kraft Liner	85,898	54,594	8,336	1,177	21,042	19,610	919	554	102,079	87,902	218,274	163,837
Corrugating	1,793	2,385	428	823	25,089	22,754	25,178	18,746	27,470	28,148	79,958	72,856
TOTAL WEST EUROPE												
Kraft Liner	761,302	643,611	163,459	105,461	199,062	193,064	9,171	7,798	983,830	931,128	2,116,824	1,881,062
Corrugating	2,276	3,431	2,950	5,788	196,327	184,476	53,502	49,719	171,551	172,558	426,606	415,972
CENTRAL AMERICA AND MEXICO												
BELIZE												
Kraft Liner	12	-	-	-	-	-	-	-	-	-	12	-
Corrugating	13	1	1	-	-	-	-	-	-	-	14	1
COSTA RICA												
Kraft Liner	88,368	77,900	-	-	-	-	-	-	-	-	88,368	77,900
Corrugating	10,230	7,243	1,145	3,616	238	-	-	-	-	-	11,613	10,859
EL SALVADOR												
Kraft Liner	15,528	9,569	-	-	-	-	-	-	-	-	15,528	9,569
Corrugating	923	509	-	-	-	-	-	-	-	-	923	509
GUATEMALA												
Kraft Liner	29,766	37,131	-	-	-	-	-	-	-	-	29,766	37,131
Corrugating	10	1	-	-	-	52	-	-	-	-	10	53

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
TO:												
HONDURAS												
Kraft Liner	57,347	62,200	-	-	-	-	-	-	-	-	57,347	62,200
Corrugating	10,296	10,542	8,812	11,259	-	-	-	-	-	-	19,108	21,801
MEXICO												
Kraft Liner	19,576	25,341	-	50	-	-	-	-	-	-	19,576	25,391
Corrugating	179	307	-	-	-	-	-	-	-	-	179	307
NICARAGUA												
Kraft Liner	14	-	-	-	-	-	-	-	-	-	14	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
PANAMA												
Kraft Liner	65,223	51,720	81	-	-	-	-	33	20	-	65,324	51,753
Corrugating	48	1,347	6,120	3,903	-	-	-	-	-	-	6,168	5,250
AREA TOTAL												
Kraft Liner	275,834	263,861	81	50	-	-	-	33	20	-	275,935	263,944
Corrugating	21,699	19,950	16,078	18,778	238	52	-	-	-	-	38,015	38,780
CARIBBEAN AND OTHER ISLANDS												
BAHAMAS												
Kraft Liner	2	-	-	-	-	-	-	-	-	-	2	-
Corrugating	7	5	-	-	-	-	-	-	-	-	7	5
BARBADOS												
Kraft Liner	117	631	315	38	-	-	-	-	-	-	432	669
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
TO:	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
BERMUDA												
Kraft Liner	-	1	-	-	-	-	-	-	-	-	-	1
Corrugating	-	-	-	12	-	-	-	-	-	-	-	12
CUBA												
Kraft Liner	-	-	9,506	1,509	-	-	-	-	-	2,020	9,506	3,529
Corrugating	-	-	-	816	-	-	-	-	-	-	-	816
DOMINICAN REPUBLIC												
Kraft Liner	13,479	9,297	-	30	-	-	-	-	-	-	13,479	9,327
Corrugating	35	-	-	-	-	-	-	-	-	-	35	-
FRENCH WEST INDIES												
Kraft Liner	16,632	11,294	-	-	-	-	-	-	-	-	16,632	11,294
Corrugating	-	4,059	-	-	-	-	-	-	-	-	-	4,059
HAITI												
Kraft Liner	349	787	-	-	-	-	-	-	-	-	349	787
Corrugating	-	1	-	-	-	-	-	-	-	-	-	1
JAMAICA												
Kraft Liner	18,174	8,621	-	-	-	-	-	-	-	-	18,174	8,621
Corrugating	9	601	86	20	-	-	-	-	-	-	95	621
LEEWARD/WINDWARD ISLANDS												
Kraft Liner	14,406	11,129	-	-	-	-	-	-	-	-	14,406	11,129
Corrugating	2,731	4,171	-	-	-	-	-	-	-	-	2,731	4,171
NETHERLANDS ANTILLES												
Kraft Liner	-	53	-	-	-	-	-	-	-	-	-	53
Corrugating	20	4	-	-	-	-	-	-	-	-	20	4

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
TO:												
TRINIDAD AND TOBAGO												
Kraft Liner	11,305	12,429	33	9	-	-	-	-	-	-	11,338	12,438
Corrugating	453	50	-	-	-	-	-	-	-	-	453	50
AREA TOTAL												
Kraft Liner	74,464	54,242	9,854	1,586	-	-	-	-	-	2,020	84,318	57,848
Corrugating	3,255	8,891	86	848	-	-	-	-	-	-	3,341	9,739
SOUTH AMERICA												
ARGENTINA												
Kraft Liner	2,494	2,485	-	-	2	-	-	-	-	-	2,496	2,485
Corrugating	200	72	-	-	-	-	-	-	-	-	200	72
BOLIVIA												
Kraft Liner	246	281	-	-	-	-	-	-	219	689	465	970
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
BRAZIL												
Kraft Liner	1	-	-	-	-	-	-	-	-	-	1	-
Corrugating	-	1	-	-	-	-	-	-	-	-	-	1
CHILE												
Kraft Liner	1,425	1,612	-	-	-	-	-	-	185	102	1,610	1,714
Corrugating	-	-	430	211	-	56	-	-	-	-	430	267
COLOMBIA												
Kraft Liner	64,981	64,216	-	-	-	-	-	-	-	-	64,981	64,216
Corrugating	17	-	-	2,400	5,077	1,021	-	-	550	-	5,644	3,421

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

TO:	FROM: UNITED STATES 1983	UNITED STATES 1982	CANADA 1983	CANADA 1982	FINLAND 1983	FINLAND 1982	NORWAY 1983	NORWAY 1982	SWEDEN 1983	SWEDEN 1982	TOTAL 1983	TOTAL 1982
ECUADOR												
Kraft Liner	34,392	50,895	23	-	-	-	-	-	-	-	34,415	50,895
Corrugating	8,317	9,856	22,761	24,599	-	-	-	-	-	-	31,078	34,455
GUYANA												
Kraft Liner	326	655	-	342	-	-	-	-	-	-	326	997
Corrugating	113	440	-	752	-	-	-	-	-	-	113	1,192
PARAGUAY												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
PERU												
Kraft Liner	2,427	4,552	-	149	-	-	-	-	-	-	2,427	4,701
Corrugating	21	-	-	1,090	-	-	-	-	-	-	21	1,090
SURINAM												
Kraft Liner	10	12	-	-	-	-	-	-	-	-	10	12
Corrugating	-	9	-	-	-	-	-	-	-	-	-	9
URUGUAY												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
VENEZUELA												
Kraft Liner	3,467	8,232	-	-	-	-	-	-	-	-	3,467	8,232
Corrugating	-	4	-	-	-	-	-	-	-	-	-	4
AREA TOTAL (S.A.)												
Kraft Liner	109,769	132,940	23	491	2	-	-	-	404	791	110,198	134,222
Corrugating	8,668	10,382	23,191	29,052	5,077	1,077	-	-	550	-	37,486	40,511

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
TO:												
NEAR AND MIDDLE EAST												
BAHRAIN												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	197	-	197	-
IRAN												
Kraft Liner	-	-	12,286	2,094	5,213	10,898	-	-	15,370	18,532	32,869	31,524
Corrugating	-	-	26,229	-	7,223	9,708	3,307	-	528	4,103	37,287	13,811
IRAQ												
Kraft Liner	-	-	-	-	-	-	-	-	1,011	4,368	1,011	4,368
Corrugating	-	-	-	-	-	-	-	-	-	2,172	-	2,172
ISRAEL												
Kraft Liner	79,104	63,916	-	-	2,223	2,420	-	-	7,729	8,392	89,056	74,728
Corrugating	-	1	-	-	9,964	12,609	-	-	-	-	9,964	12,610
JORDAN												
Kraft Liner	4,898	4,555	-	-	-	-	-	4	1,057	-	5,955	4,559
Corrugating	274	-	-	-	-	-	-	-	216	-	490	-
KUWAIT												
Kraft Liner	3,049	2,592	-	-	-	-	-	-	220	-	3,269	2,592
Corrugating	285	-	-	130	-	-	-	-	-	-	285	130
LEBANON												
Kraft Liner	17,177	20,708	-	-	-	-	1,083	-	2,634	3,273	20,894	23,981
Corrugating	-	1,164	-	817	2,251	6,387	-	335	1,186	821	3,437	9,524
OMAN												
Kraft Liner	145	325	-	-	-	-	-	-	32	-	177	325
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
SAUDI ARABIA												
Kraft Liner	32,462	17,794	-	-	-	-	-	-	902	438	33,364	18,232
Corrugating	-	24	3,670	1,594	5,680	3,147	-	-	3,871	3,705	13,221	8,470

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
TO:												
SYRIA												
Kraft Liner	-	-	-	-	-	-	-	-	-	549	-	549
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
TURKEY												
Kraft Liner	6,812	372	-	-	-	-	-	-	4,140	1,089	10,952	1,461
Corrugating	-	-	-	1,102	-	-	-	-	-	-	-	1,102
UNITED ARAB EMIRATES												
Kraft Liner	3,938	1,076	-	-	-	596	-	-	1,390	1,996	5,328	3,668
Corrugating	9	-	643	1,209	-	346	-	170	822	992	1,474	2,717
YEMEN												
Kraft Liner	2,917	252	-	-	-	433	-	-	179	40	3,096	725
Corrugating	-	172	-	-	-	963	-	-	1,451	-	1,451	1,135
AREA TOTAL												
Kraft Liner	150,502	111,590	12,286	2,094	7,436	14,347	1,083	4	34,664	38,677	205,971	166,712
Corrugating	568	1,361	30,542	4,852	25,118	33,160	3,307	505	8,271	11,793	67,806	51,671
AFRICA												
ALGERIA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
ANGOLA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
BENIN												
Kraft Liner	-	-	-	-	-	-	-	9	-	-	-	9
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
TO:												
CAMEROON												
Kraft Liner	8,540	6,343	-	-	121	43	-	-	308	823	8,969	7,209
Corrugating	-	-	-	542	183	1,709	-	-	1,125	971	1,308	3,222
CANARY ISLANDS												
Kraft Liner	32,867	34,316	-	-	-	-	-	-	-	-	32,867	34,316
Corrugating	4,405	4,846	-	-	-	-	-	-	-	-	4,405	4,846
EGYPT												
Kraft Liner	36,335	12,850	-	-	106	-	-	-	2,068	-	38,509	12,850
Corrugating	-	-	358	-	5,264	2,493	-	-	2,734	-	8,356	2,493
ETHIOPIA												
Kraft Liner	771	-	-	-	-	397	-	-	-	-	771	397
Corrugating	-	-	-	-	-	772	-	-	758	-	758	772
GHANA												
Kraft Liner	635	-	-	-	-	-	-	-	2,828	503	3,463	503
Corrugating	-	-	-	-	-	-	-	-	973	75	973	75
GUINEA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
IVORY COAST												
Kraft Liner	23,815	18,582	-	-	774	710	-	-	156	2,751	24,745	22,043
Corrugating	-	-	-	-	4,605	4,497	1,097	834	4,007	5,427	9,709	10,758

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
TO:	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
KENYA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
LIBERIA												
Kraft Liner	-	8	-	-	-	-	-	-	-	-	-	8
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
LIBYA												
Kraft Liner	-	-	-	-	-	-	-	-	5,090	-	5,090	-
Corrugating	-	-	-	-	3,455	-	-	-	-	-	3,455	-
MADAGASCAR												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
MALAWI												
Kraft Liner	-	270	-	-	-	-	-	-	-	531	-	801
Corrugating	-	-	-	-	-	-	-	-	-	55	-	55
MALI												
Kraft Liner	387	134	-	-	-	-	-	-	154	24	541	158
Corrugating	-	-	-	-	-	-	-	-	45	267	45	267
MOROCCO												
Kraft Liner	2,507	324	-	-	1,038	3,551	-	-	21,252	10,216	24,797	14,091
Corrugating	-	-	-	382	5,281	4,928	-	274	8,410	8,246	13,691	13,830
MOZAMBIQUE												
Kraft Liner	1,751	-	-	689	-	-	-	-	1,169	2,791	2,920	3,480
Corrugating	864	-	-	-	-	1,641	-	-	-	-	864	1,641
NIGER												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
TO:												
NIGERIA												
Kraft Liner	26,320	39,449	-	273	461	-	275	583	2,130	3,317	29,186	43,622
Corrugating	535	1,375	805	1,512	1,586	4,450	-	2,132	2,520	1,111	5,446	10,580
RWANDA												
Kraft Liner	-	-	-	-	-	-	-	-	50	-	50	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
SENEGAL												
Kraft Liner	3,082	1,751	-	3,018	287	464	-	-	425	452	3,794	5,685
Corrugating	-	-	-	-	412	332	-	-	-	-	412	332
SIERRA LEONE												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
SOMALIA												
Kraft Liner	3,796	3,240	-	-	-	1,828	-	-	-	-	3,796	5,068
Corrugating	-	-	-	-	-	1,410	-	-	-	-	-	1,410
SOUTH AFRICA												
Kraft Liner	18,379	24,629	-	-	582	862	-	-	-	-	18,961	25,491
Corrugating	34	24	-	-	-	-	-	-	-	-	34	24
SPANISH AFRICA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	542	-	-	-	-	-	-	-	542
SUDAN												
Kraft Liner	3,252	1,538	-	-	-	247	54	218	1,194	858	4,503	2,861
Corrugating	1,198	333	468	-	434	164	-	86	664	248	2,764	831
TANZANIA												
Kraft Liner	-	-	620	-	-	105	-	-	221	2,046	841	2,151
Corrugating	-	-	-	-	-	448	-	-	126	221	126	669
TOGO												
Kraft Liner	15	3	-	-	-	-	-	-	-	-	15	3
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
TO:												
TUNISIA												
Kraft Liner	4,603	3,972	-	-	-	-	-	-	6,602	6,737	11,205	10,709
Corrugating	-	-	3,180	-	934	3,437	-	754	-	-	4,114	4,191
UGANDA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	109	-	109
ZAIRE												
Kraft Liner	-	-	-	-	-	-	-	-	110	111	110	111
Corrugating	-	-	-	231	-	-	26	29	-	74	26	334
ZAMBIA												
Kraft Liner	400	749	-	-	-	-	-	-	-	-	400	749
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
ZIMBABWE												
Kraft Liner	465	1,181	-	-	-	-	-	-	-	21	465	1,202
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
AREA TOTAL												
Kraft Liner	167,920	149,339	620	3,980	3,369	8,207	329	810	43,757	31,181	215,995	193,517
Corrugating	7,036	6,578	4,811	3,209	22,154	26,281	1,123	4,109	21,362	16,804	56,486	56,981

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
TO:	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
OCEANIA AND FAR EAST												
AFGHANISTAN												
Kraft Liner	-	-	-	-	-	711	-	-	183	353	183	1,064
Corrugating	-	-	-	-	-	379	-	-	415	646	415	1,025
AUSTRALIA AND NEW ZEALAND												
Kraft Liner	44,737	13,606	1,264	229	17	667	40	1	6,861	1,262	52,919	15,765
Corrugating	52	126	45	100	-	1,319	-	-	1,404	456	1,501	2,001
BANGLADESH												
Kraft Liner	-	218	-	-	-	-	-	-	-	-	-	218
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
BRUNEI												
Kraft Liner	-	-	-	-	-	-	-	-	3	-	3	-
Corrugating	-	1	-	-	-	-	-	-	-	29	-	30
CHINA, REPUBLIC OF (TAIWAN)												
Kraft Liner	12,543	10,655	104	258	14	-	-	-	161	-	12,822	10,913
Corrugating	22	114	444	-	-	-	-	-	-	-	466	114
FRENCH PACIFIC ISLANDS												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
HONG KONG												
Kraft Liner	84,614	44,444	2,200	1,130	-	-	19	-	55	8,307	86,888	53,881
Corrugating	5,896	1	372	2,732	3	-	-	-	441	-	6,712	2,733
INDIA												
Kraft Liner	1	181	-	216	7	8	-	-	615	2,165	623	2,570
Corrugating	-	21	-	-	-	-	-	-	94	162	94	183

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

TO:	FROM: UNITED STATES 1983	UNITED STATES 1982	CANADA 1983	CANADA 1982	FINLAND 1983	FINLAND 1982	NORWAY 1983	NORWAY 1982	SWEDEN 1983	SWEDEN 1982	TOTAL 1983	TOTAL 1982
INDONESIA												
Kraft Liner	7,956	9,665	3,739	7,400	673	331	-	-	-	1,639	12,368	19,035
Corrugating	-	581	1,537	-	1,234	10,997	-	1,096	-	-	2,771	12,674
JAPAN												
Kraft Liner	189,495	117,716	47,766	50,988	-	-	-	-	-	2	237,261	168,706
Corrugating	36	3,356	-	82	511	2,750	-	-	295	691	842	6,879
KOREA, REPUBLIC OF												
Kraft Liner	20,800	11,520	574	980	-	-	-	-	-	-	21,374	12,500
Corrugating	48	5	-	1,116	-	-	-	-	-	-	48	1,121
MACO												
Kraft Liner	297	-	-	-	-	-	-	-	-	-	297	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
MALAYSIA												
Kraft Liner	31,196	25,037	1,243	881	-	37	710	-	54	195	33,203	26,150
Corrugating	-	-	2,092	717	2,550	937	-	337	498	-	5,140	1,991
NEPAL												
Kraft Liner	-	-	-	-	-	-	68	-	119	-	187	-
Corrugating	-	-	-	-	-	-	-	-	13	-	13	-
PAKISTAN												
Kraft Liner	419	1,162	-	-	-	-	-	11	593	1,241	1,012	2,414
Corrugating	-	-	-	-	-	62	-	-	88	-	88	62
PHILIPPINES												
Kraft Liner	56,093	90,295	22	-	-	-	-	-	-	375	56,115	90,670
Corrugating	2,529	4,837	216	2,254	171	-	-	-	-	-	2,916	7,091
SINGAPORE												
Kraft Liner	47,221	40,537	6,339	3,167	939	321	601	-	617	2,663	55,717	46,688
Corrugating	13	6	4,571	1,704	21	595	601	-	677	-	5,883	2,305
SOUTHERN PACIFIC ISLANDS												
Kraft Liner	-	2,342R	-	-	-	-	-	-	-	-	-	2,342R
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
SRI LANKA (CEYLON)												
Kraft Liner	1,874	-	-	-	-	-	-	39	1,835	2,015	3,709	2,054
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
TO:												
THAILAND												
Kraft Liner	3,564	4,329	-	-	-	-	-	-	21	577R	3,585	4,906
Corrugating	5	1	-	-	-	-	-	-	-	-	5	1
TONGA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
TRUST PACIFIC ISLANDS												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PACIFIC ISLANDS												
Kraft Liner	3	7	-	-	-	-	-	-	-	-	3	7
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
VIETNAM												
Kraft Liner	-	-	-	-	-	-	-	-	-	1,333	-	1,333
Corrugating	-	-	-	-	-	-	-	-	-	327	-	327
TOTAL AREA												
Kraft Liner	500,813	371,707	63,251	65,249	1,650	2,075	1,438	51	11,117	22,127	578,269	461,209
Corrugating	8,601	9,049	9,277	8,705	4,490	17,039	601	1,433	3,925	2,311	26,894	38,537
U.S.S.R. AND EASTERN EUROPE												
ALBANIA												
Kraft Liner	-	-	-	-	-	-	-	-	464	578	464	578
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
BULGARIA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
TO:	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
CZECHOSLOVAKIA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
GERMANY, DEMOCRATIC REPUBLIC												
Kraft Liner	-	-	-	-	3,912	-	-	-	50	28	3,962	28
Corrugating	-	-	-	-	4,091	-	-	-	555	-	4,646	-
HUNGARY												
Kraft Liner	-	-	-	-	1,085	2,352	-	-	-	278	1,085	2,630
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
POLAND												
Kraft Liner	-	-	-	-	-	-	-	-	406	1,701	406	1,701
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
ROMANIA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
U.S.S.R.												
Kraft Liner	-	-	-	-	47,401	67,459	-	-	-	61	47,401	67,520
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
AREA TOTAL												
Kraft Liner	-	-	-	-	52,398	69,811	-	-	920	2,646	53,318	72,457
Corrugating	-	-	-	-	4,091	-	-	-	555	-	4,646	-
CHINA, PEOPLE'S REPUBLIC OF												
Kraft Liner	166,286	111,161	10,017	-	551	-	-	-	24,882	25,578	201,736	136,739
Corrugating	18,102	-	11,842	6,582	22,592	3,307	-	-	-	-	52,536	9,889

SOURCES: U.S. Department of Commerce, Bureau of Census
Canadian Pulp and Paper Association
Central Association of Finnish Forest Industries
Norwegian Papermakers' Association
Swedish Pulp and Paper Association

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